







1           6. A method for performing user certification processing for a user of a terminal device  
2 communicating with a server device via a network, the method comprising the steps of:  
3           connecting certification processing hardware to the terminal device;  
4           storing certification information of the user in the certification processing hardware;  
5           requesting a certification process from the server device;  
6           receiving, from the server device, an encryption key assigned to the certification processing  
7 hardware;  
8           encrypting the certification information by using the received encryption key;  
9           transmitting the encrypted certification information to the server device;  
10          receiving encrypted certification result information from the server device;  
11          decrypting the encrypted certification result information by using the encryption key; and  
12          giving an execution permission of a process comprising communication from the server  
13 device to the terminal device after the decrypting step.

1           7. The method according to claim 6, wherein the decrypting step is executed by using one  
2 encryption key only once.

1           8. The method according to claim 6, further comprising the step of controlling the terminal  
2 device based on the decrypted certification result information.

1           9. A method for performing user certification processing for a user of a terminal device  
2 communicating with a server device via a network, the method comprising the steps of:  
3           connecting certification processing hardware to the terminal device;

4 storing certification information of the user in the certification processing hardware;  
5 sending a certification request from the certification processing hardware to the server  
6 device;  
7 transmitting from the server device an encryption key assigned to the certification  
8 processing hardware in response to the certification request; and  
9 encrypting the certification information by utilizing the received encryption key;  
10 transmitting the encrypted certification information to the server device;  
11 receiving encrypted certification information from the certification processing hardware;  
12 decrypting the encrypted certification information;  
13 encrypting certification result information;  
14 transmitting the encrypted certification result information to the certification processing  
15 hardware;  
16 receiving the encrypted certification result information from the server device;  
17 decrypting the encrypted certification result information by using the encryption key; and  
18 giving execution permission of a process comprising communication from the server device  
19 to the terminal device after the decrypting the encrypted certification result information step; and  
20 executing the process after receiving the execution permission from the hardware.

1 10. A method for performing use management of a terminal device, the method  
2 comprising the steps of:

3 storing availability information indicating the availability of the terminal device;  
4 receiving an operation request from the terminal device;  
5 determining the availability of the terminal device based on the availability information;

